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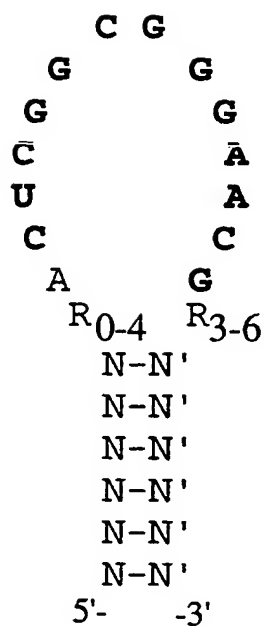


FIGURE 1A

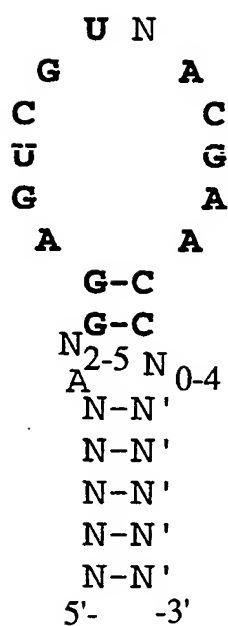


FIGURE 1B

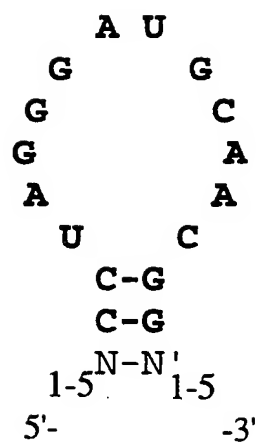


FIGURE 1C

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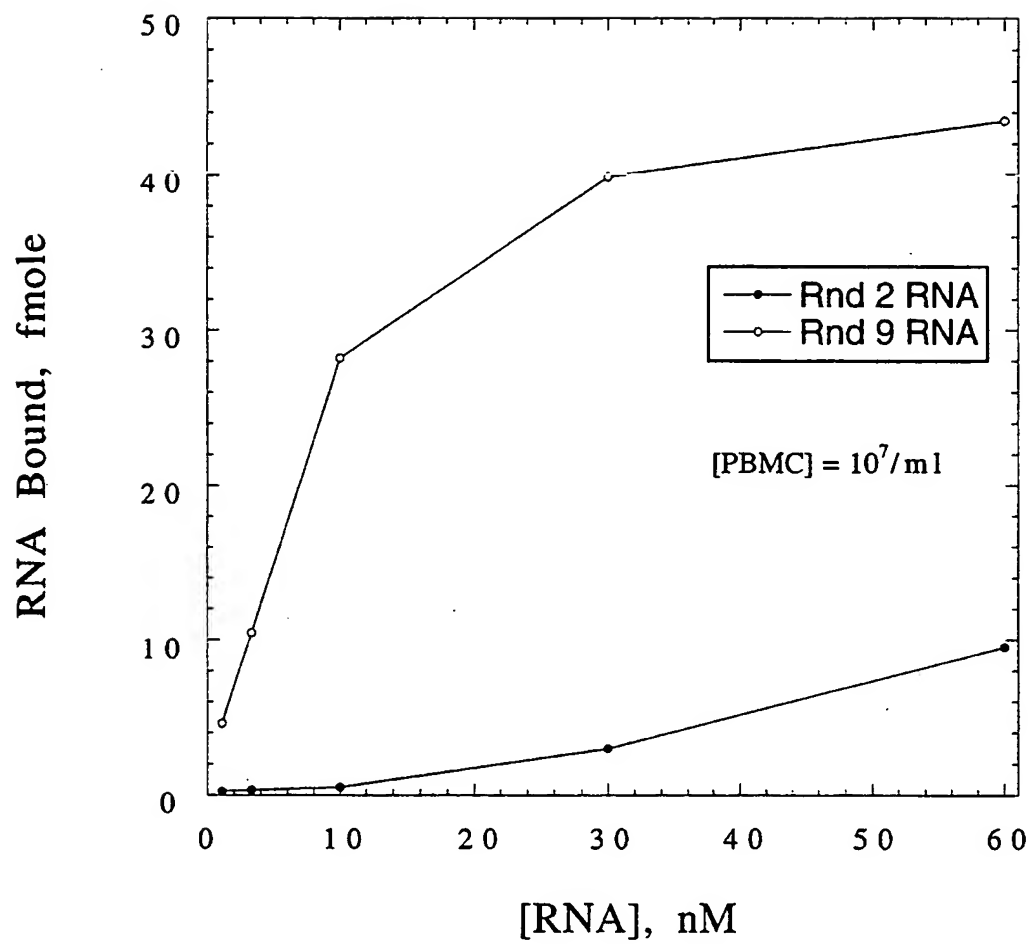


FIGURE 2

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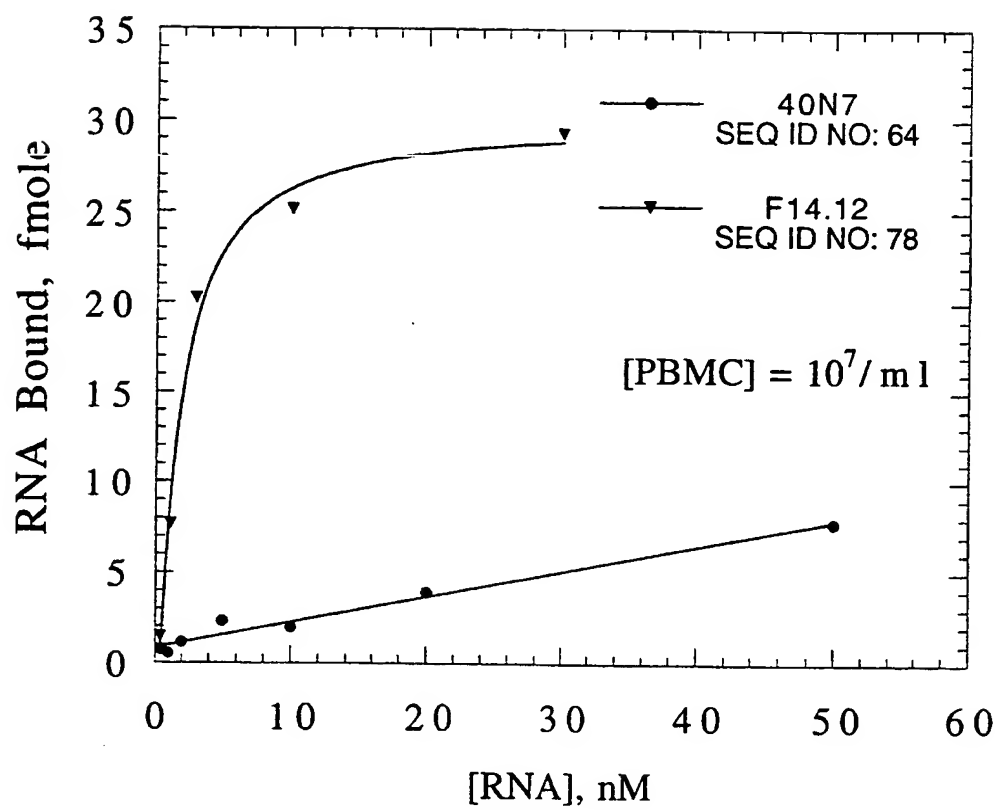


FIGURE 3

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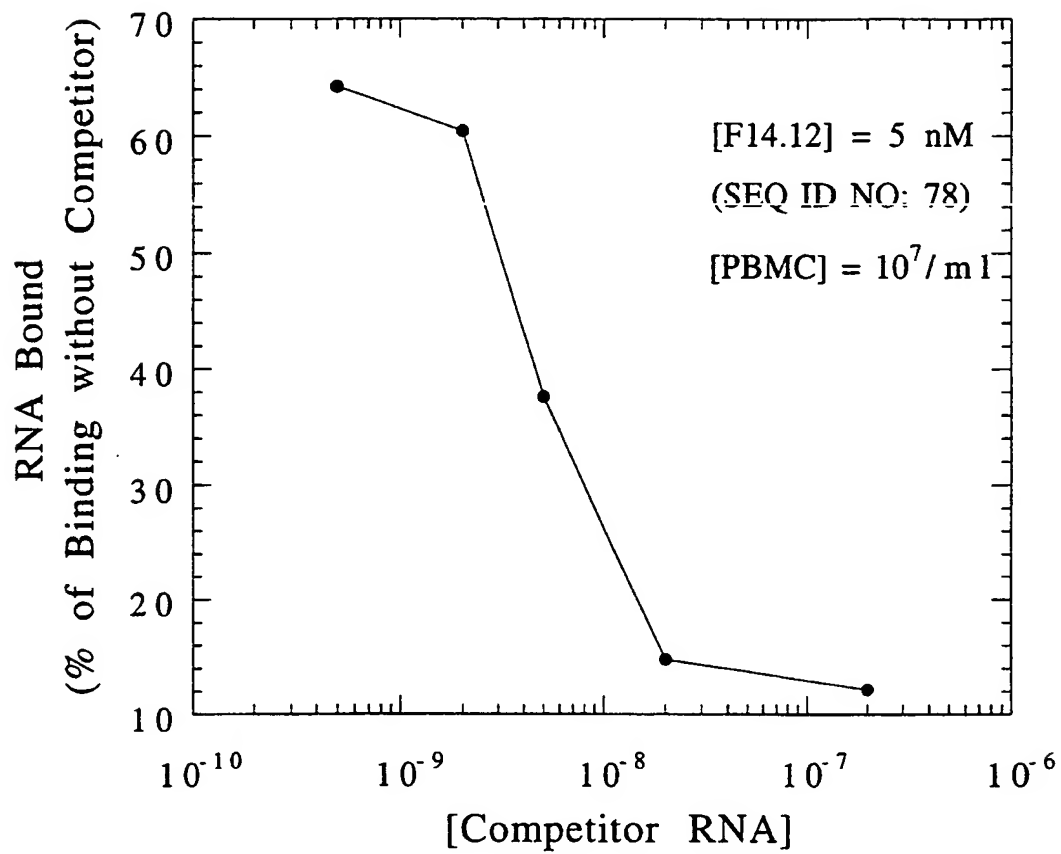


FIGURE 4

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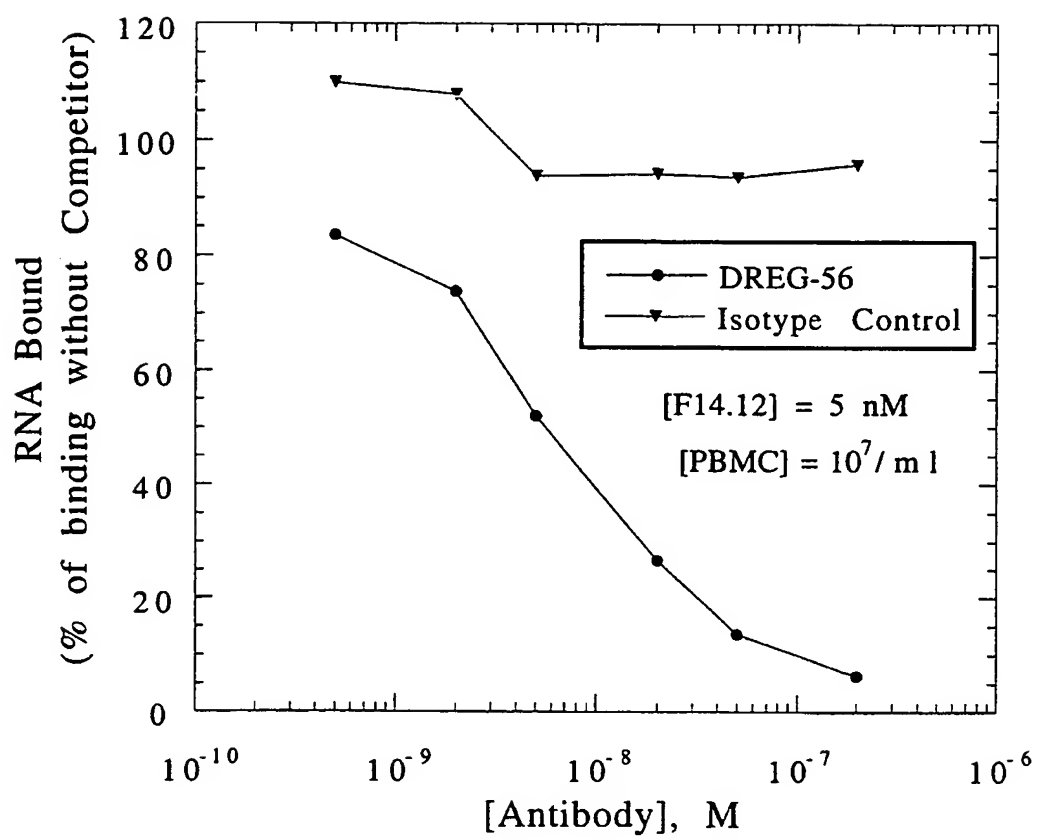


FIGURE 5

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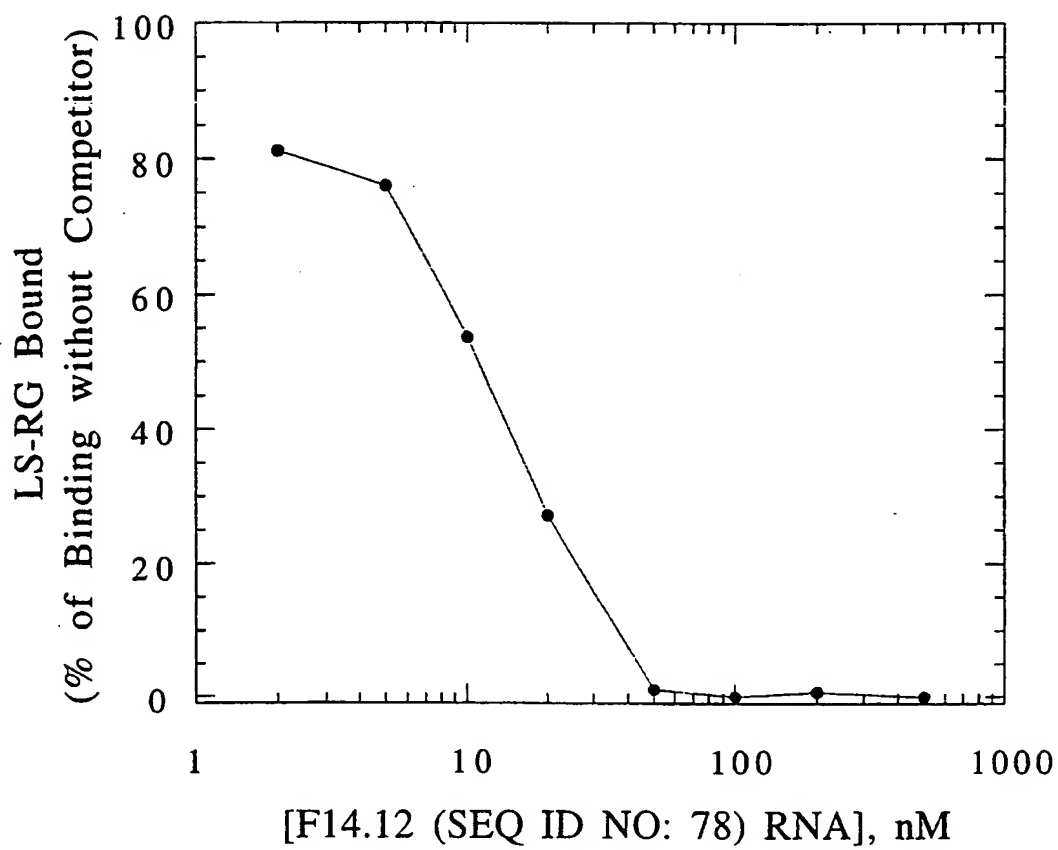


FIGURE 6

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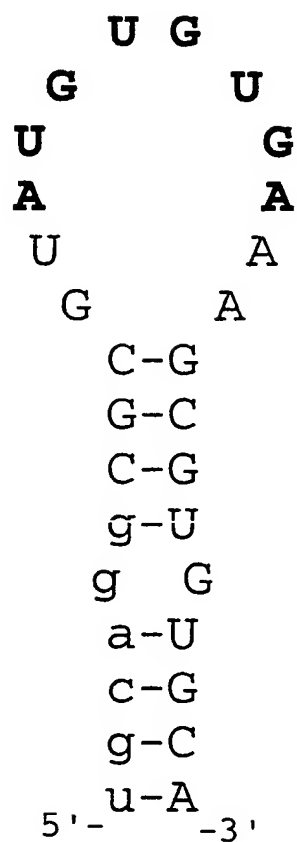


FIGURE 7A

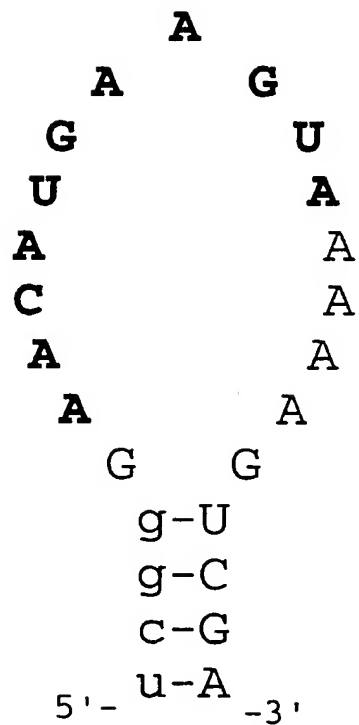


FIGURE 7B

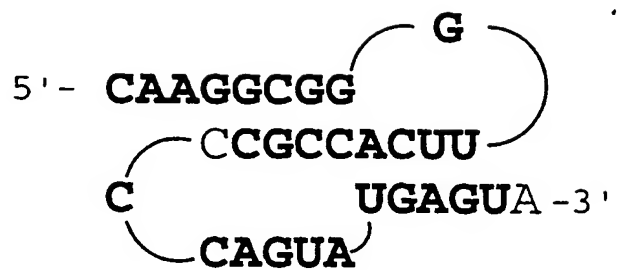


FIGURE 7C

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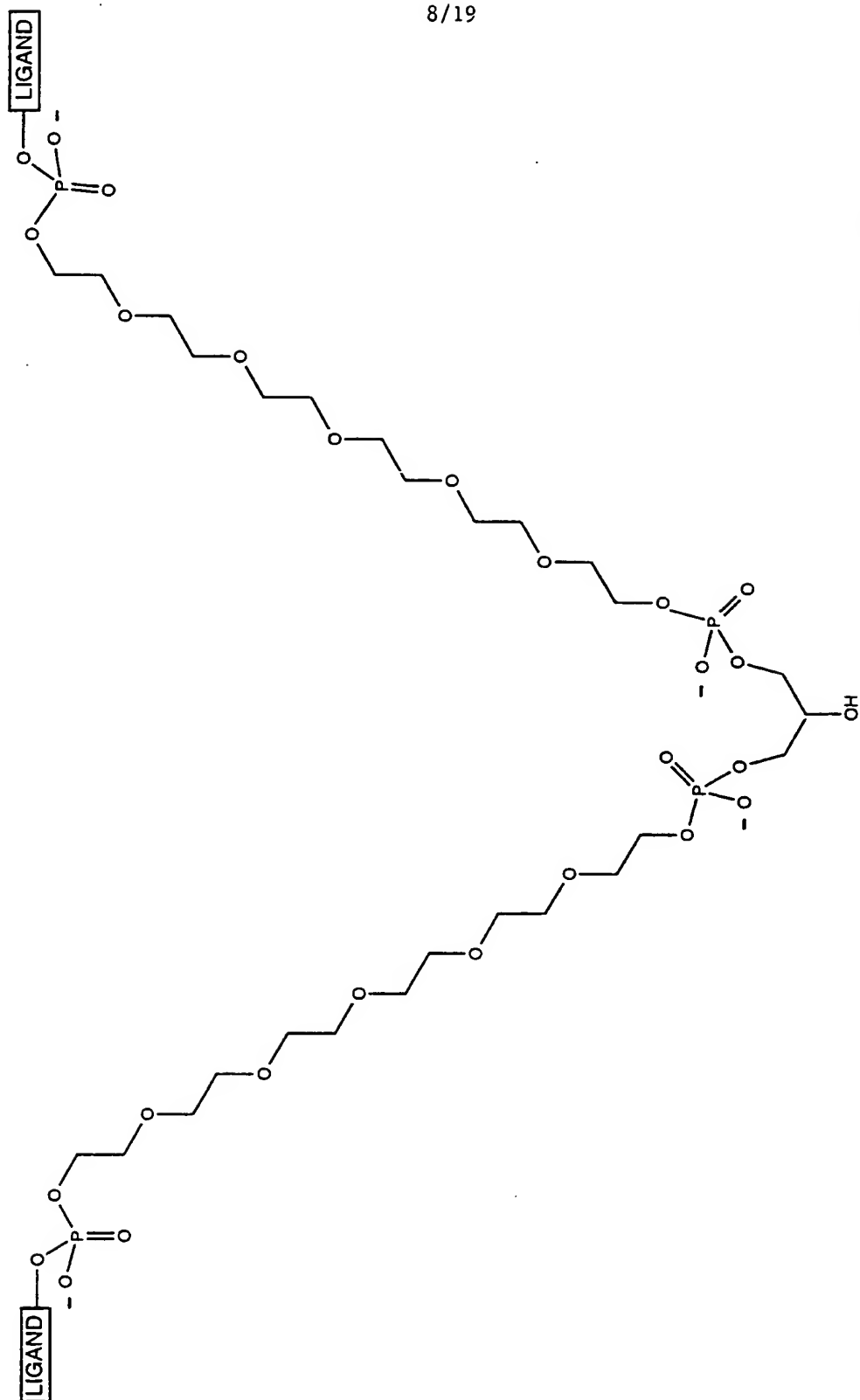


FIGURE 8A



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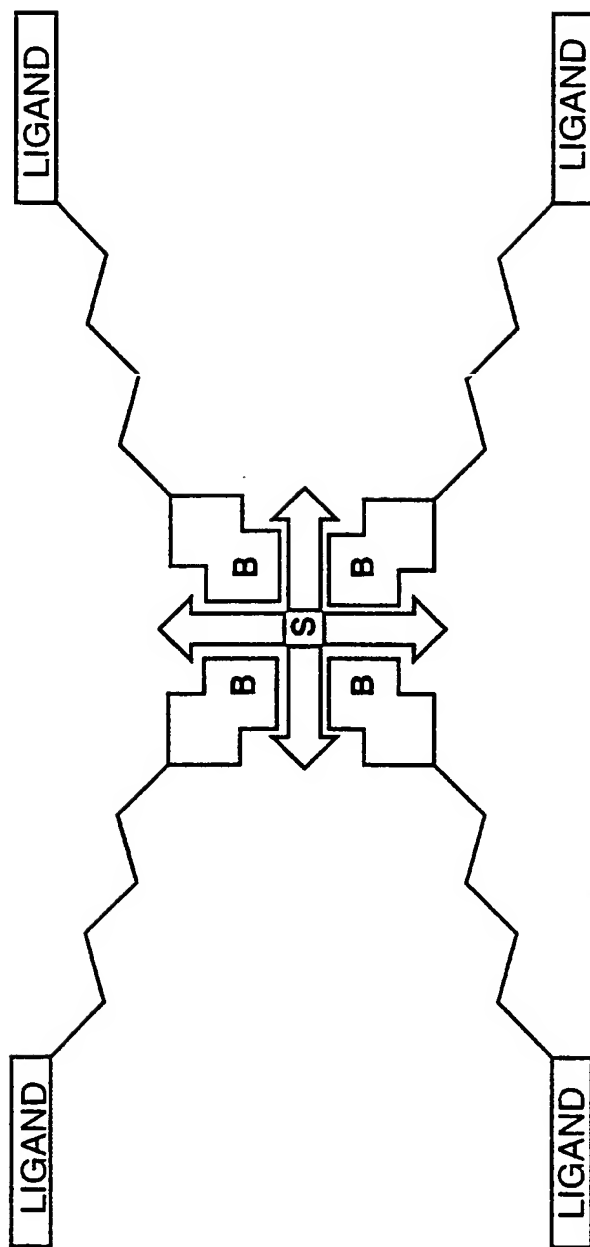


FIGURE 8B

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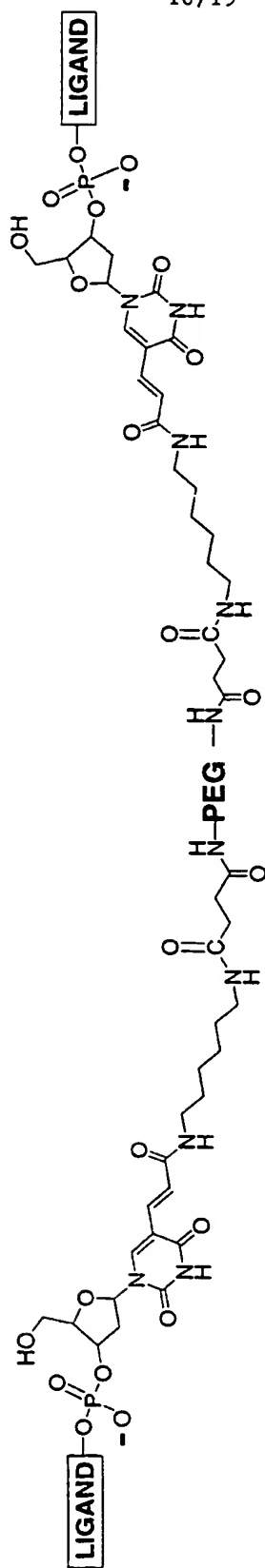


FIGURE 8C

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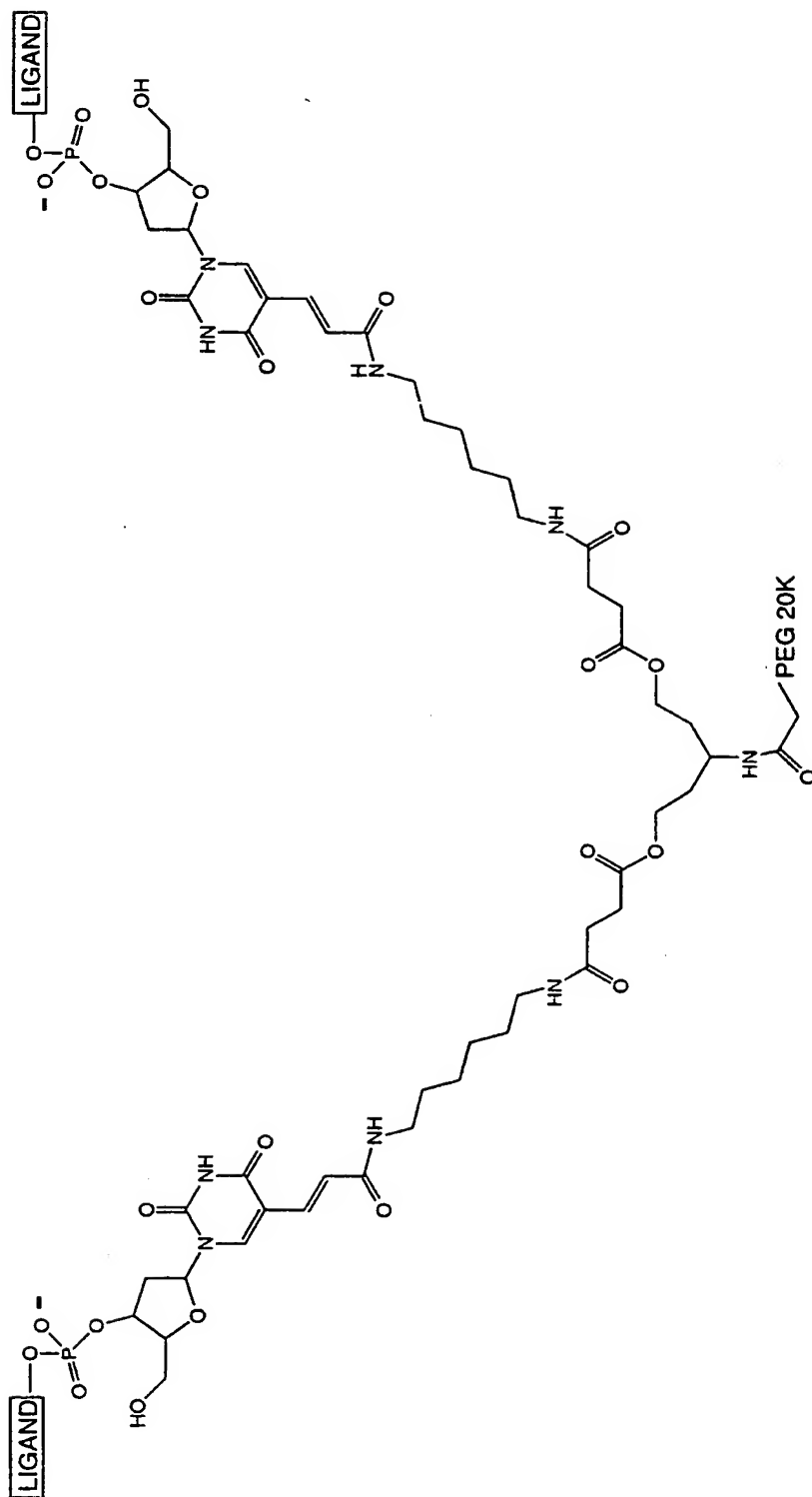


FIGURE 8D

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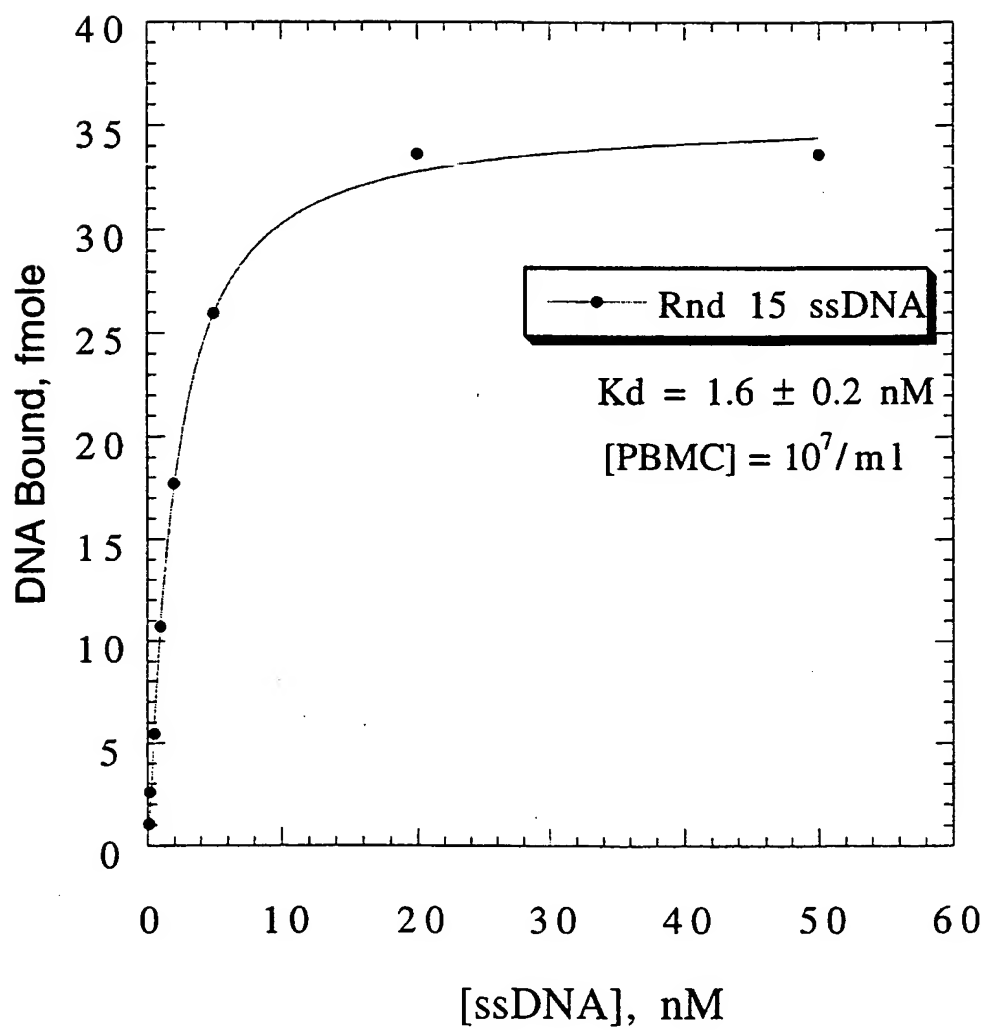


FIGURE 9

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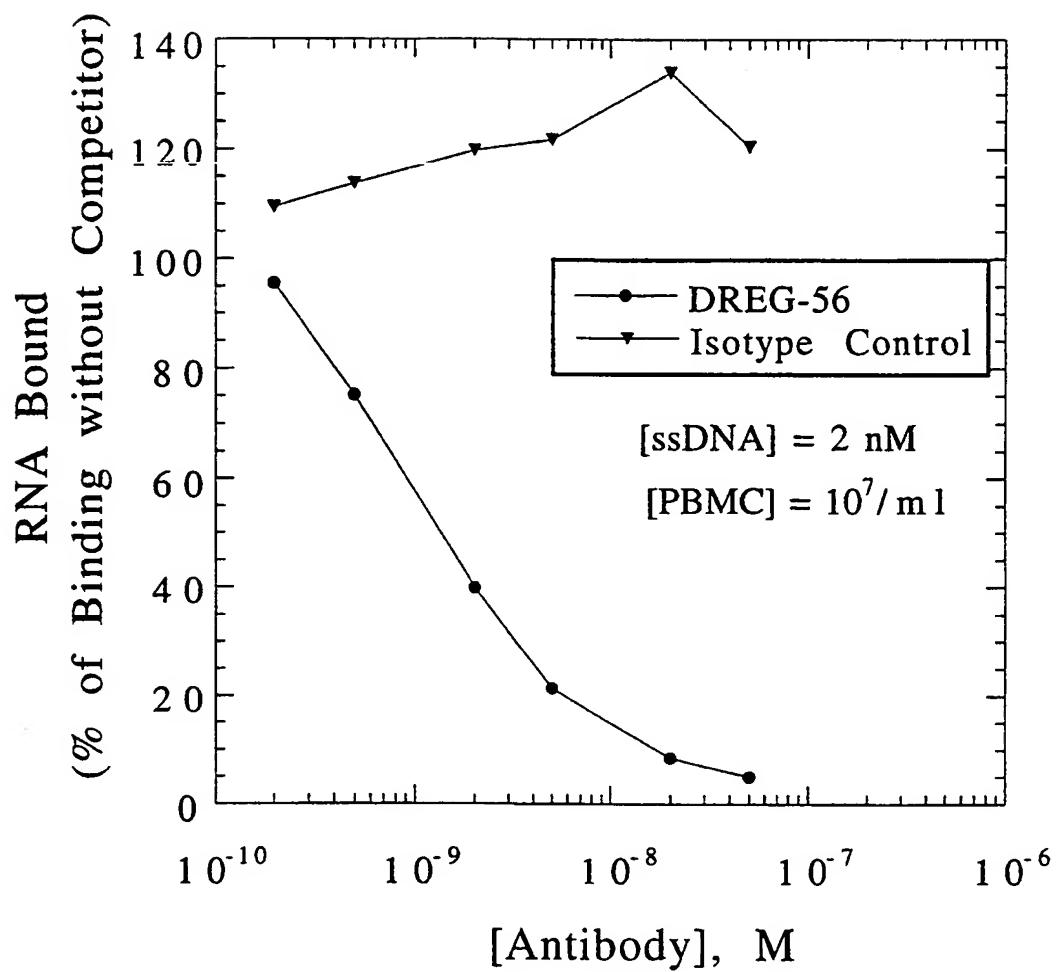


FIGURE 10

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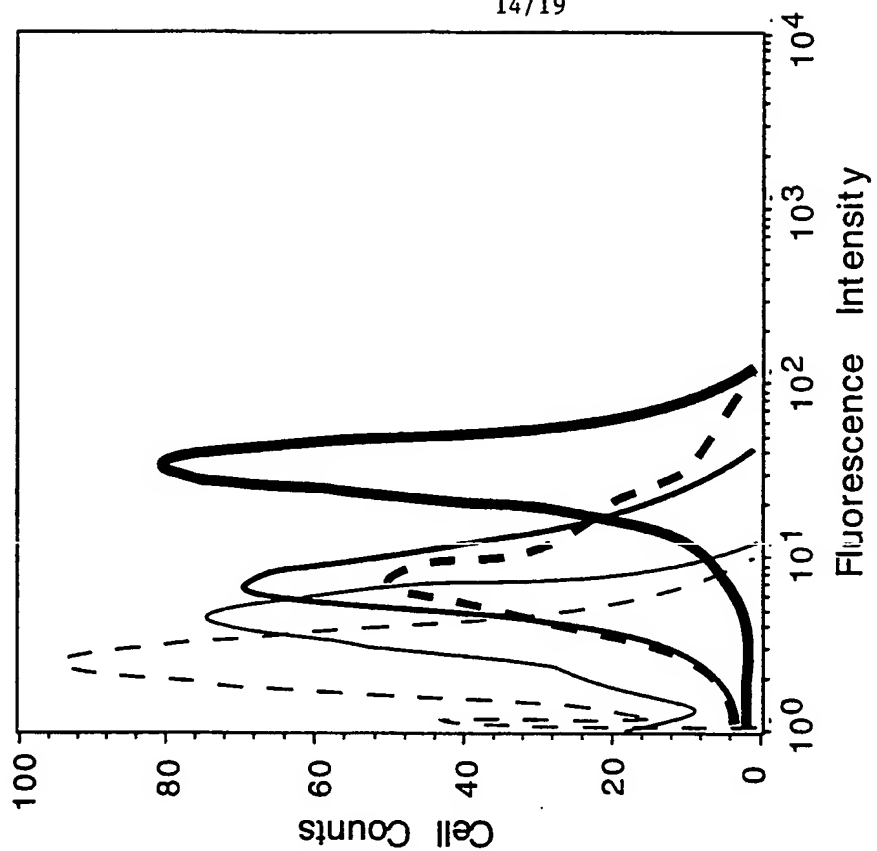


FIGURE 11B

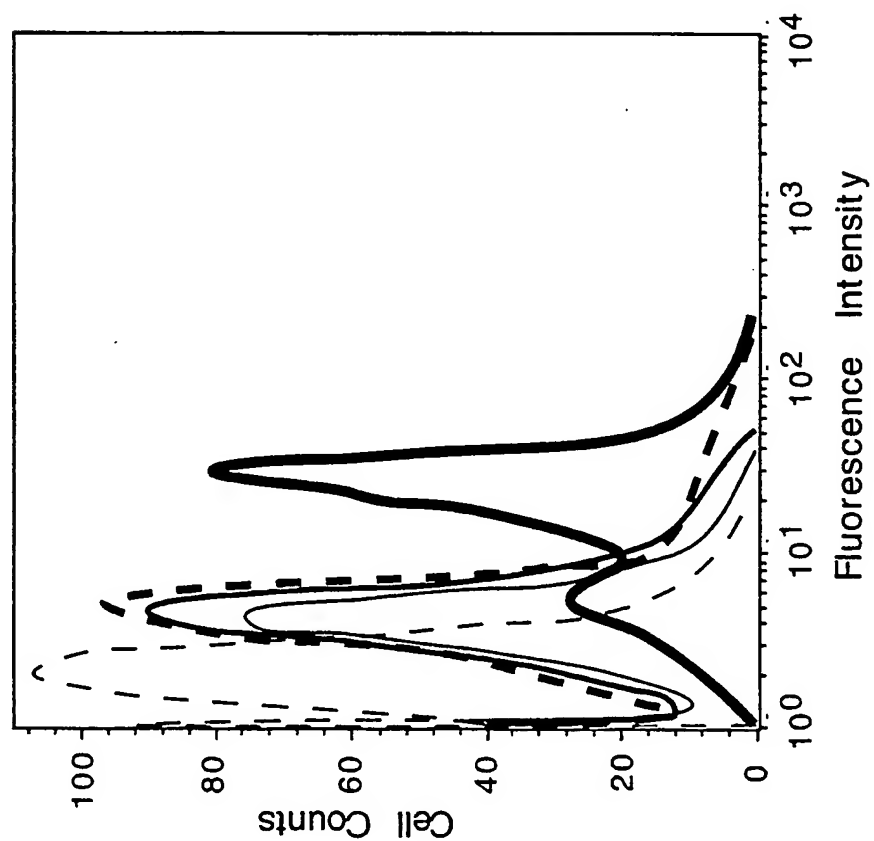


FIGURE 11A

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<u>Base Pairs</u>										
	<u>AT</u>	<u>TA</u>	<u>GC</u>	<u>CG</u>	<u>GT</u>	<u>TG</u>	<u>GA</u>	<u>AG</u>	<u>AA</u>	<u>OTHER</u>
Y T <sub>15</sub> G A										
Y-R	2	13	3	6	--	--	--	--	--	--
G-A	--	--	3	--	--	--	21	--	--	--
<sup>10</sup> G-C	--	--	24	--	--	--	--	--	--	--
A										
A										
C-G <sub>20</sub>	--	--	--	24	--	--	--	--	--	--
A-T	18	4	1	1	--	--	--	--	--	--
<sup>5</sup> T-A	4	18	--	--	1	--	1	--	--	--
G A	--	8	--	--	--	--	12	1	2	1
N-N'	12	3	7	--	--	1	--	--	--	1
N-N' <sub>25</sub>	--	2	8	11	1	--	--	2	--	--
N-N'	4	--	1	3	4	--	2	--	1	9
<sup>5</sup> '-N N <sub>-3</sub> '	1	--	1	3	1	--	2	2	1	13

FIGURE 12

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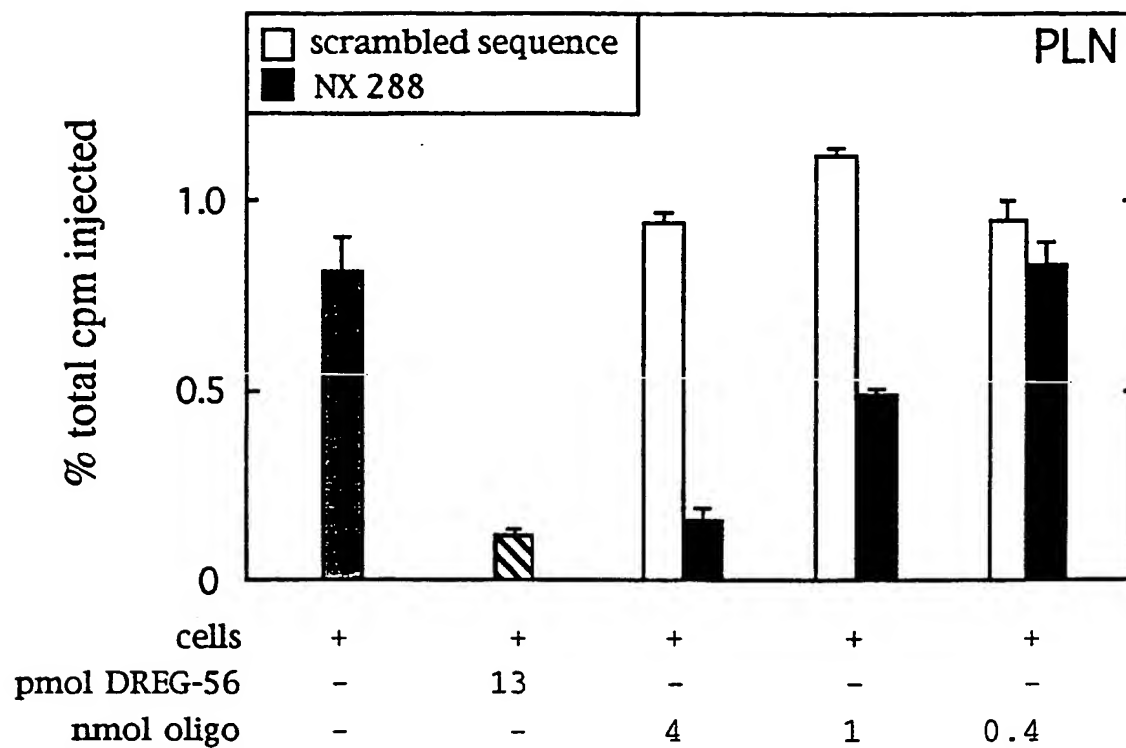


FIGURE 13



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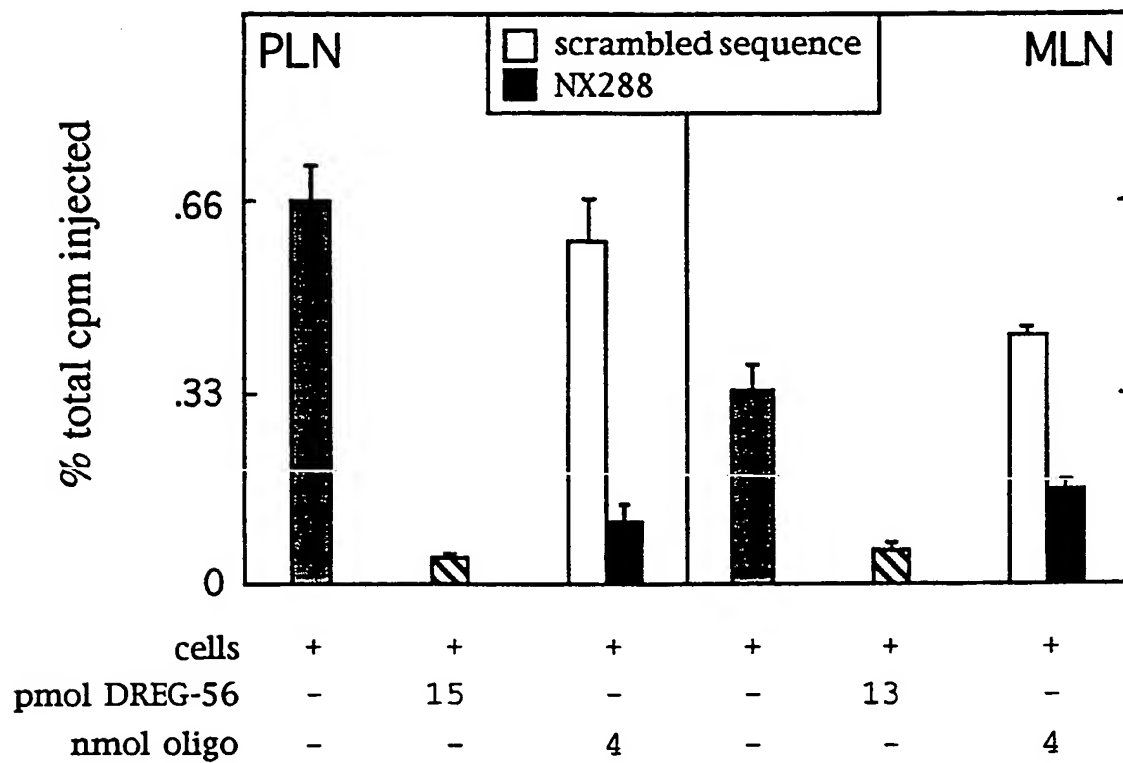


FIGURE 14

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U U				<u>AU</u>	<u>UA</u>	<u>GC</u>	<u>CG</u>	<u>GU</u>	<u>UG</u>	<u>AG</u>	<u>GA</u>	<u>OTHER</u>
<b>U</b>	<b>U</b>					21						
	<b>G-C</b>											
	Y-R'				11		10					
	<b>G-A</b>										21	
	C-G				6		15					
	R-Y'			9	1	11						
	R-Y'			13	1	6	1					
A	R Y											
A												
Y	U C											
	Y-R'				13	5	3					
	N-N'			4	3	4	6	2	1	1		
	R-Y'			7	3	7		3				1
	G-C'			1	2	13	3					2
	N-N'			3	2	5	1				2	8
	N-N'			3	2	3	2				5	6
5'	3'											

FIGURE 15

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N2-16							
N	N						
N	N	<u>AU</u>	<u>UA</u>	<u>GC</u>	<u>CG</u>	<u>GU</u>	<u>OTHER</u>
R-Y'		9	--	2	--	1	1
K-M'		--	4	8	--	--	1
N3-5 A							
Y-R'		--	2	--	11	--	--
N-N'		4	--	6	3	--	--
N0-1							
N	C/A						
A							
A							
G-C		--	1	11	1	--	--
C-G		--	--	--	13	--	--
A							
A C							
C-G		--	--	--	13	--	--
U-A		--	13	--	--	--	--
C-G		--	--	--	11	--	2

FIGURE 16